

MECHANISM EXTENSION CORD

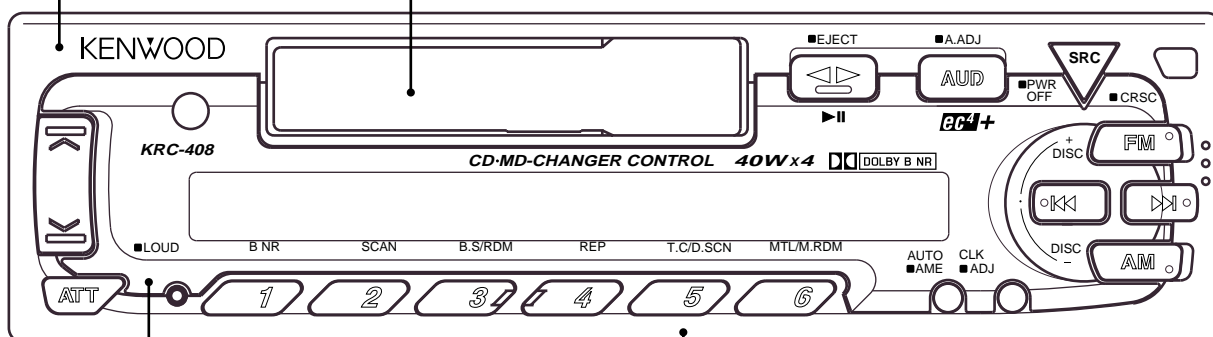
W05-0477-00 (7P)

W05-0609-00 (10P)

PANEL ASSY

408 : (A64-1903-02)

488 : (A64-1906-02)

CASSETTE LID
(A53-1683-13)**FRONT GLASS**

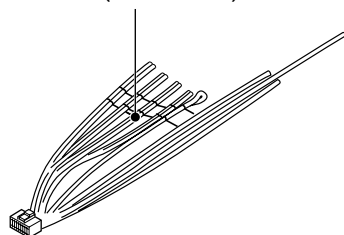
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488 : (B10-3137-01)

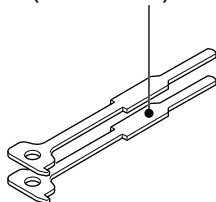
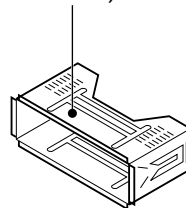
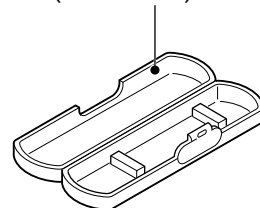
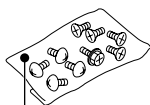
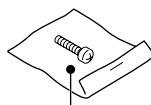
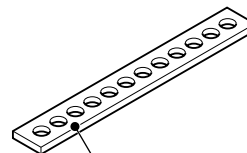
ESCUTCHEON
(B07-2181-02)**DC CORD**

408:(E30-4783-05)

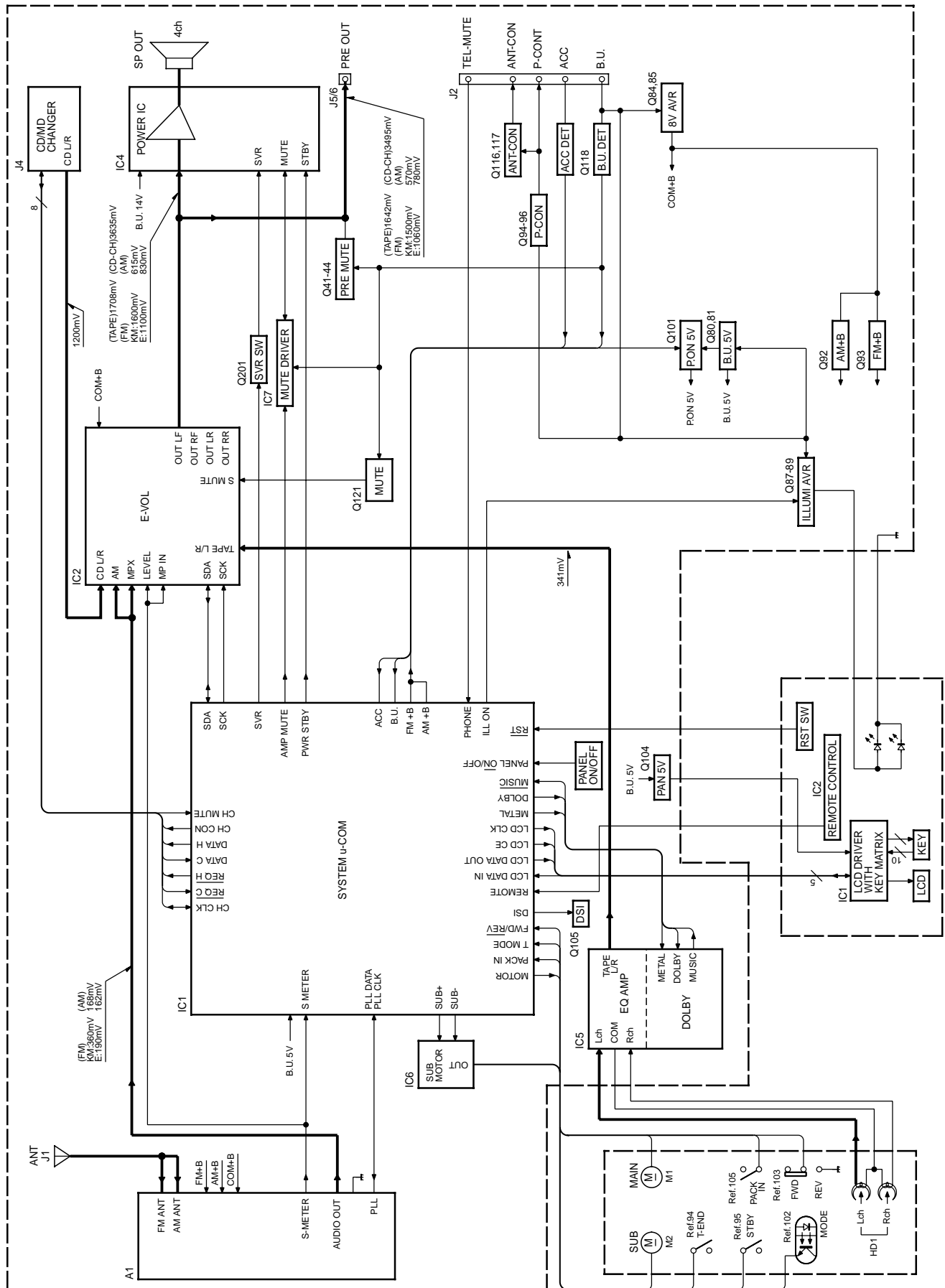
488:(E30-4784-05)

**LEVER**

(D10-3031-04)x2

**MOUNTING HARDWARE ASSY**
(J21-9491-03)**PLASTIC CABINET ASSY**
(A02-1486-13)**SCREW SET**
(N99-1632-05)**SCREW SET**
(N99-1610-15)**STAY**
(J54-0606-04)

BLOCK DIAGRAM



CIRCUIT DESCRIPTION

(X14-) IC1 : SYSTEM u-COM

PORT No.	PORT NAME	I/O	FUNCTION
1	XIN	I	Clock input
2	TEST 2	-	GND
3	LCD DATA IN	I	LCD driver data input
4	LCD DATA OUT	O	LCD driver data output
5	LCD CLK	O	LCD driver clock output
6	STBY	I	Tape stand-by SW
7	T END	I	Tape end SW
8	SDA 2	I/O	Data line to E-VOL.
9	SCL 2	O	Clock line to E-VOL.
10	REQ H	O	Changer request output
11	DATA C	I	Changer data input
12	DATA H	O	Changer data output
13	CH CLK	I	Changer clock input
14	REQ C	I	Changer request input
15	CH CON	O	Changer control
16	LCD CE	O	LCD driver Chip Enable output
17	AM+B	O	AM power supply control
18	FM+B	O	FM power supply control
19	MUTE	O	Mute output for audio circuit
20	ILLUMI	O	Illumination on
21	AMP STBY	O	Stand-by output to power amp
22	SVR	O	SVR discharge circuit control
23	P.CON	O	Power control
24	ANT CONT	O	Tuner ANT control
25	SUB+	O	Sub motor+output
26	SUB-	O	Sub motor-output
27	-	-	-
28	SEL 2	I	Destination discrimination 2
29	SEL 1	I	Destination discrimination 1
30	SEL 0	I	Destination discrimination 0
31	VDD	-	VDD
32	N.CAN	I	Noise canceller setting
33	MOTOR	O	Motor-ON output
34-36	-	-	-
37	DSI	O	Disable System Indicator
38	EQ MUTE	O	Tape equaliser mute output
39	P.ON	O	Power on
40	-	-	-

(X14-) IC1 : SYSTEM u-COM

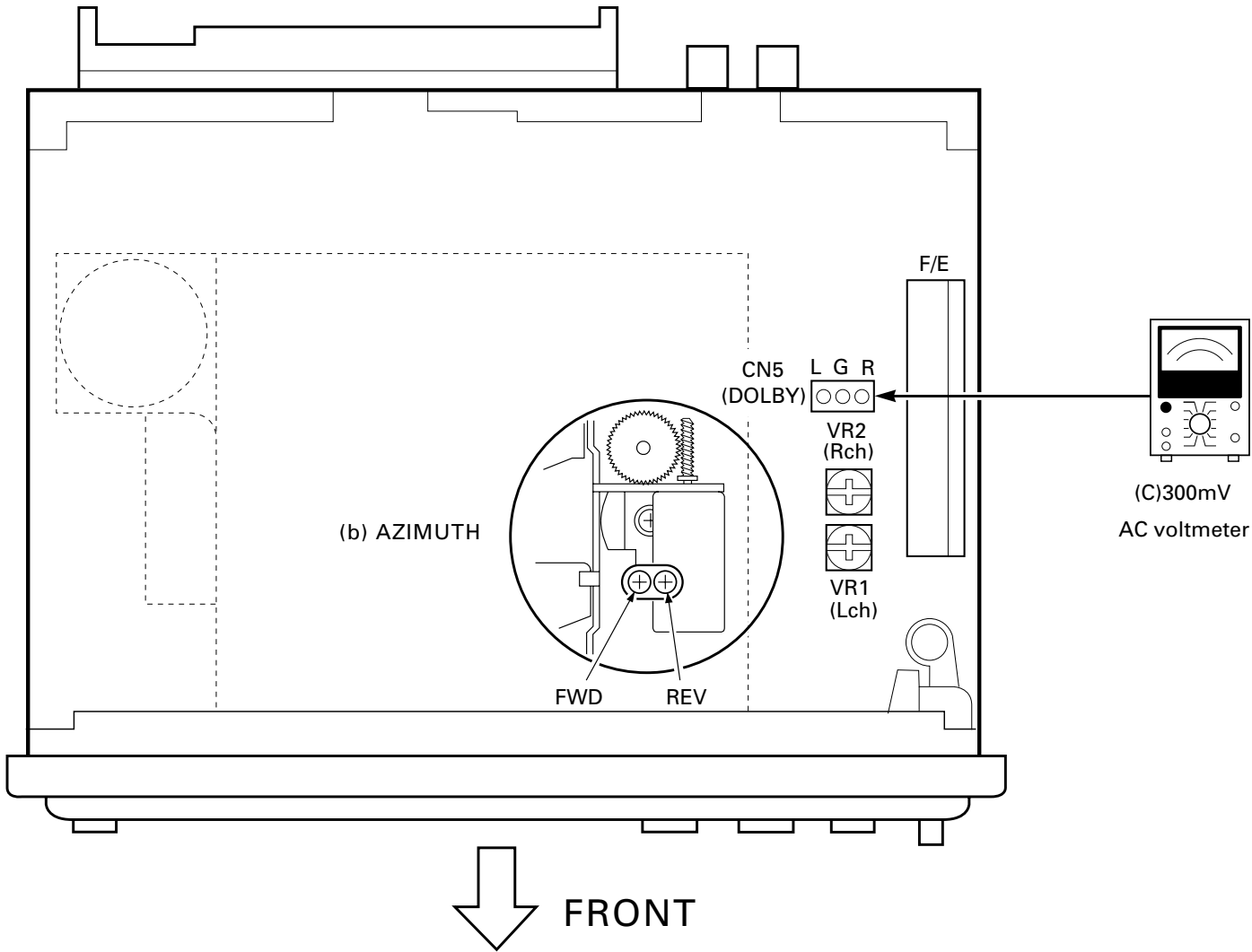
PORT No.	PORT NAME	I/O	FUNCTION
41	-	-	-
42	MS CONT	O	-
43	-	-	-
44	BEEP	O	Beep output(2.08KHz)
45	PANEL	I	Panel ON/OFF detection
46	AMP MUTE	O	Mute
47	CRSC	I	-
48	PACK IN	I	Pack-in detection
49	FWD/REV	I	Tape FWD/REV
50	SDA3	O	PLL/EEPROM data line
51	SCL3	O	PLL/EEPROM clock line
52	METAL	O	Metal mode ON/OFF
53	DOLBY	O	Dolby
54	AM IF CONT	I	AM IF count judgement
55	SD	I	SD input
56	REMOTE	I	Remote controller
57-60	-	-	-
61	T MODE	I	Mode pulse input
62	PHONE	I	Telephone mute input
63	ACC	I	ACC detection
64	BACK UP	I	Back Up detection
65	MUSIC	I	Tape signal detection
66	S-METER	I	FM band SD detection
67	HOLD	I	Hold Detection
68	SNS	I	-
69	LCTR	-	GND
70	HCTR	-	GND
71, 72	-	-	-
73	VDD	-	VDD
74	AM IN	-	GND
75	FM IN	-	GND
76	VSS	-	GND
77, 78	-	-	-
79	TEST1	-	GND
80	XOUT	I	Clock output

KRC-408/488

ADJUSTMENT

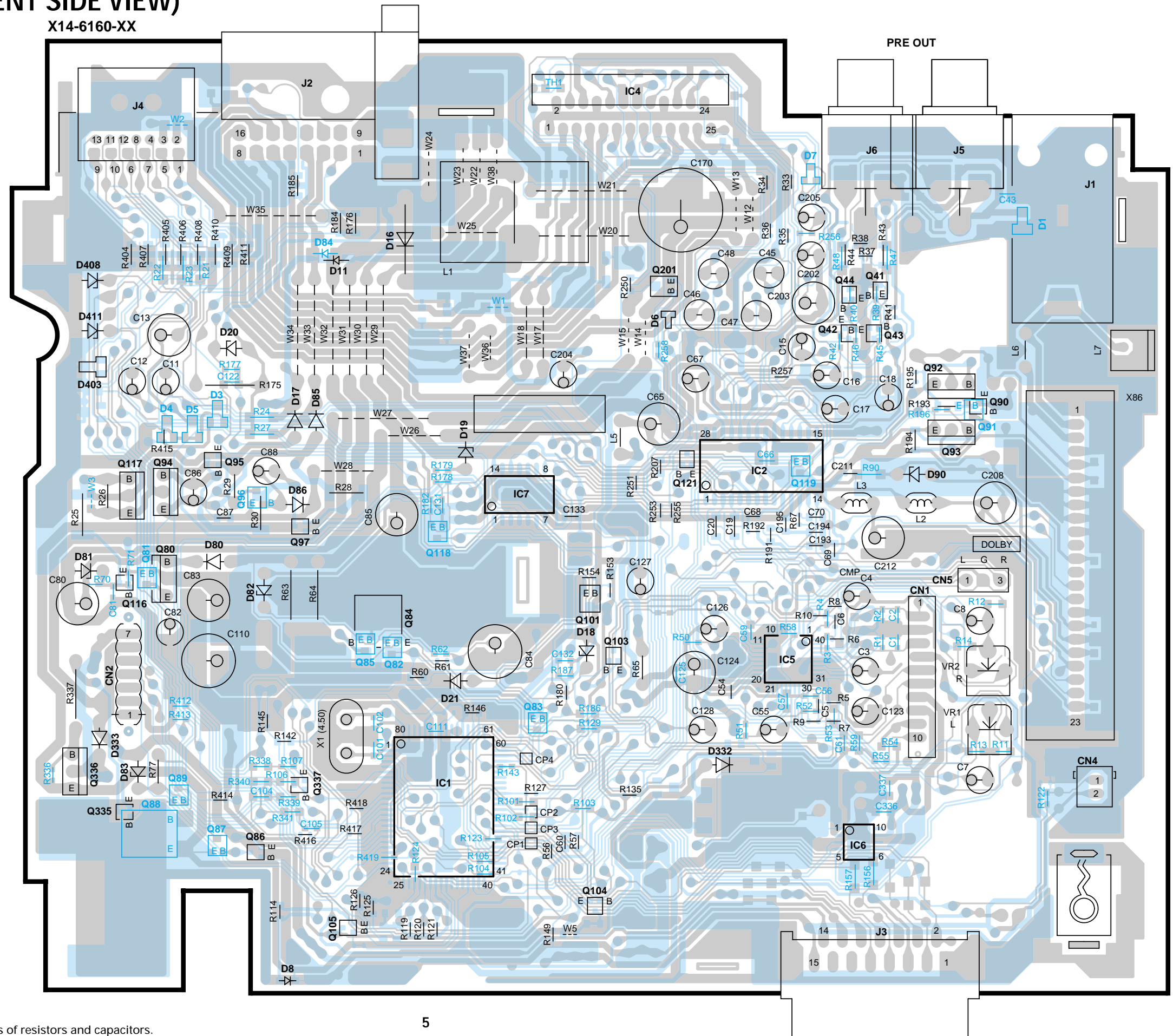
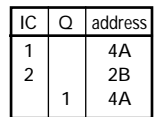
BALANCE/FADER/BASS/TREBLE: CENTER
T.ADV/METAL/DOLBY NR/AUTO: OFF

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	RECEIVER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
CASSETTE DECK SECTION							
1	AZIMUTH	TCC-153 10KHz	SP OUT	TAPE PLAY	Head azimuth screw (FWD/REV) (ME1)	Adjust so that output level in playing "FWD" and "REV" becomes maximum each.	(b)
2	DOLBY (PLAY BACK LEVEL)	TCC-130	Connect an AC voltmeter to CN5 (X14-)	TAPE PLAY	VR1(L ch) VR2(R ch) (x14-)	300mV	(c)



- 1
- 2
- 3
- 4
- 5
- 6
- 7

X14-6160-XX

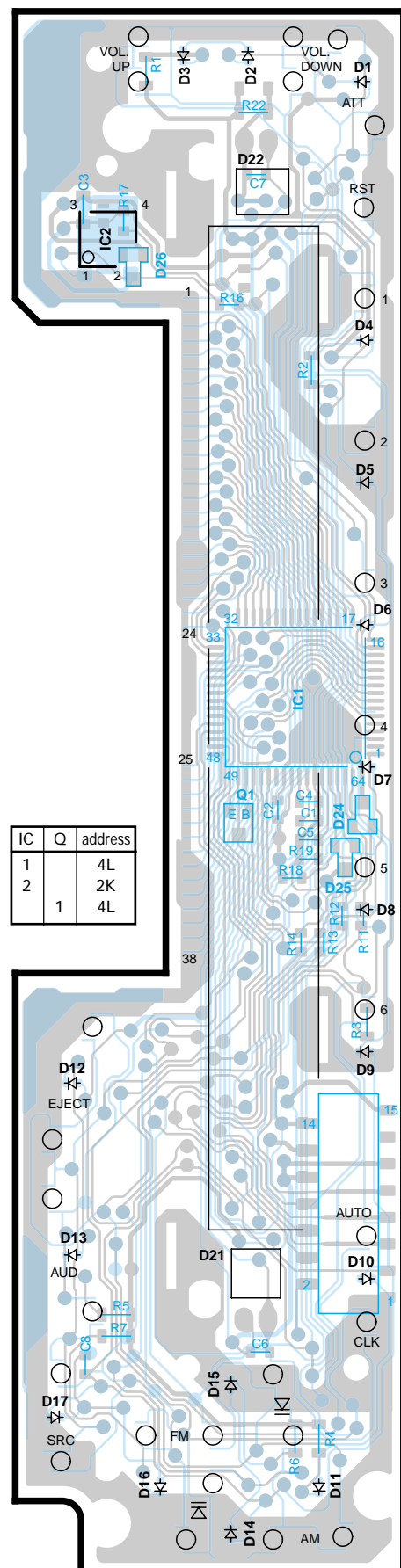


C	Q	address
1		6E
2		4G
4		1F
5		5H
6		6H
7		4F
	41	3H
	42	3H
	43	3H
	44	3H
	80	4C
	81	4C
	82	5E
	83	5F
	84	5E
	85	5E
	86	6D
	87	6D
	88	6D
	89	6C
	90	3H
	91	3H
	92	3H
	93	4H
	94	4C
	95	4D
	96	4D
	97	4D
	101	5F
	103	5F
	104	6F
	105	7E
	116	4C
	117	4C
	118	4E
	119	4G
	121	4G
	201	3G
	335	6C
	336	6C
	337	6D

5

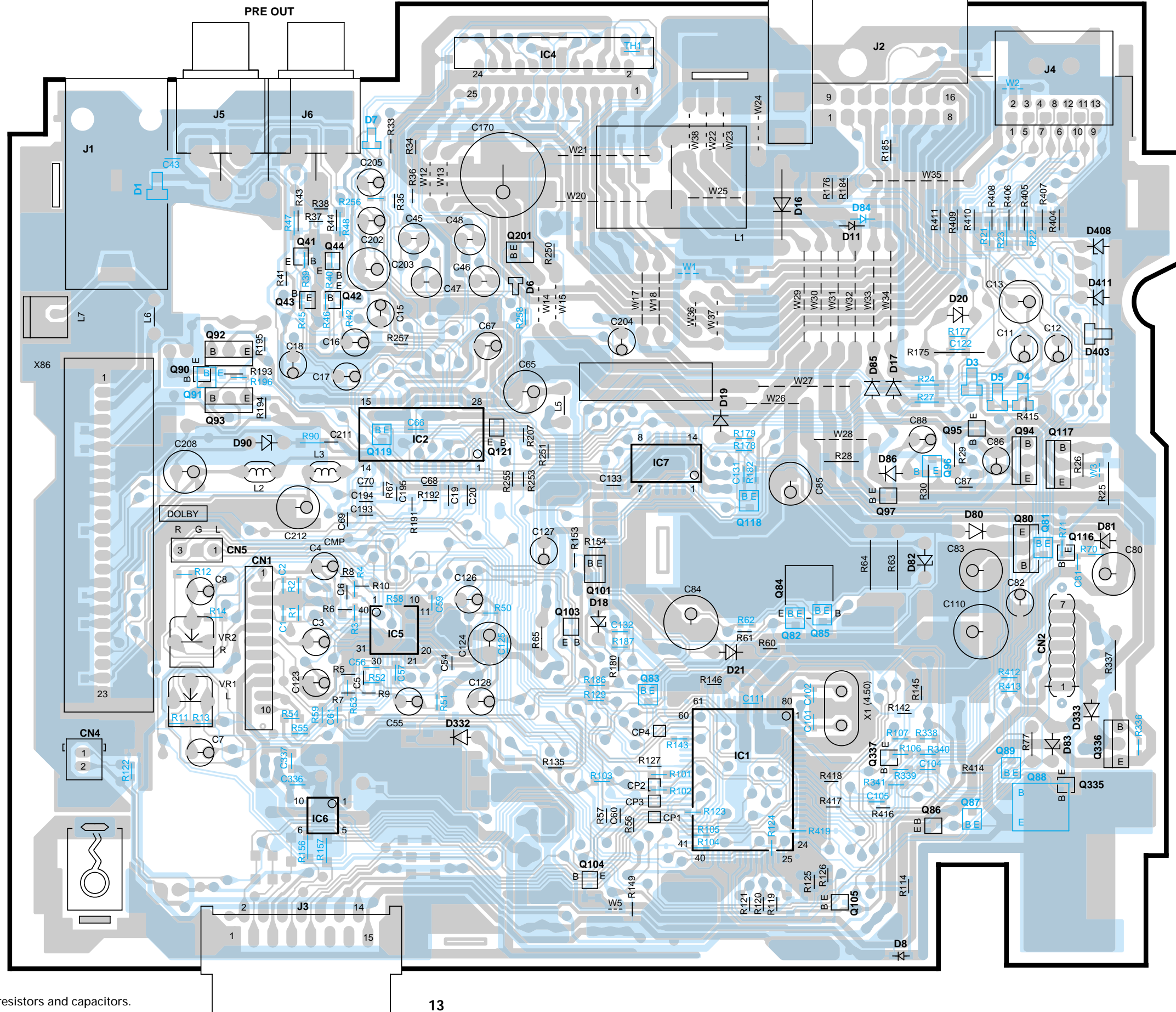
PC BOARD (FOIL SIDE VIEW)

X13-9670-10



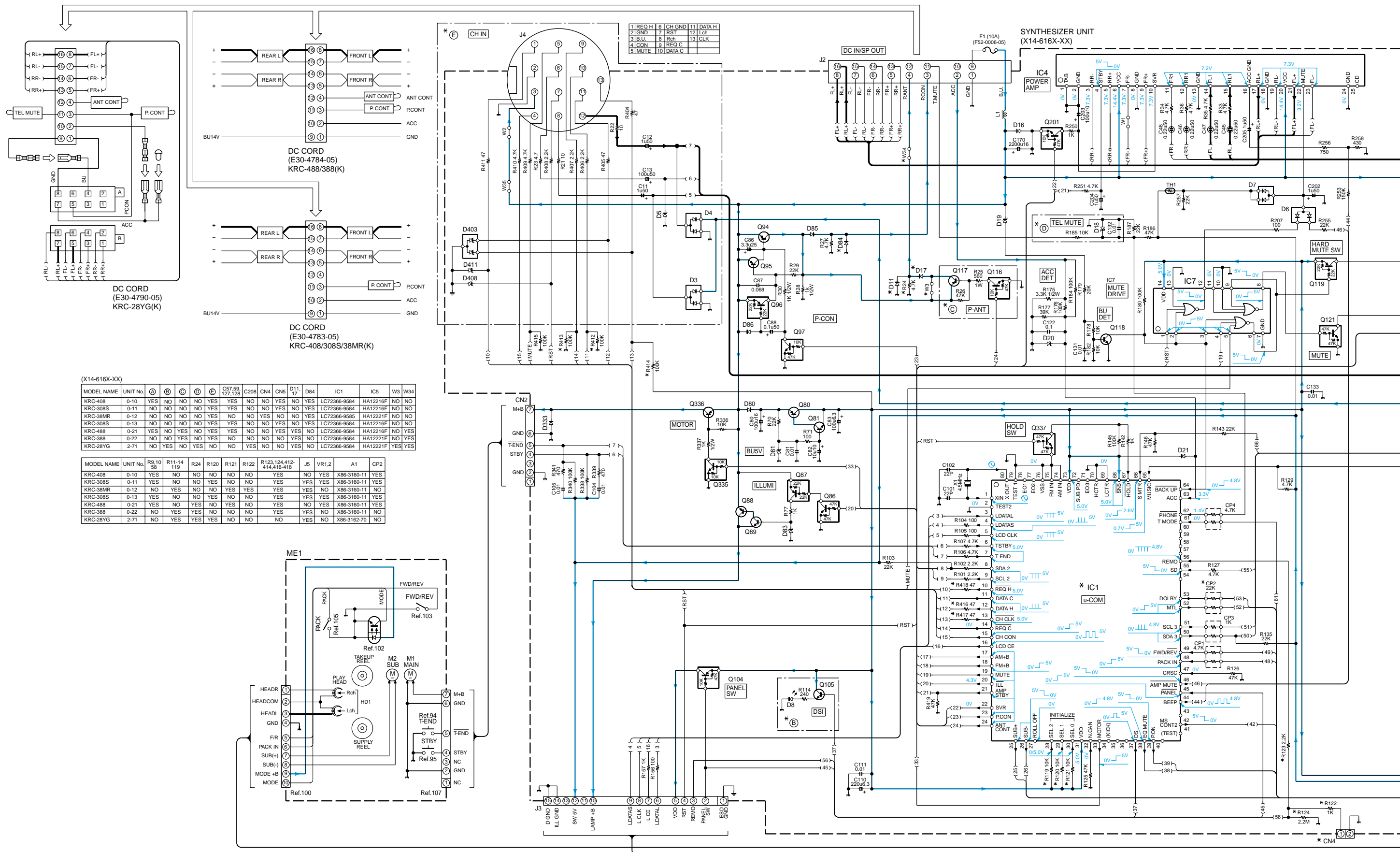
IC	Q	address
1		4L
2		2K
	1	4L

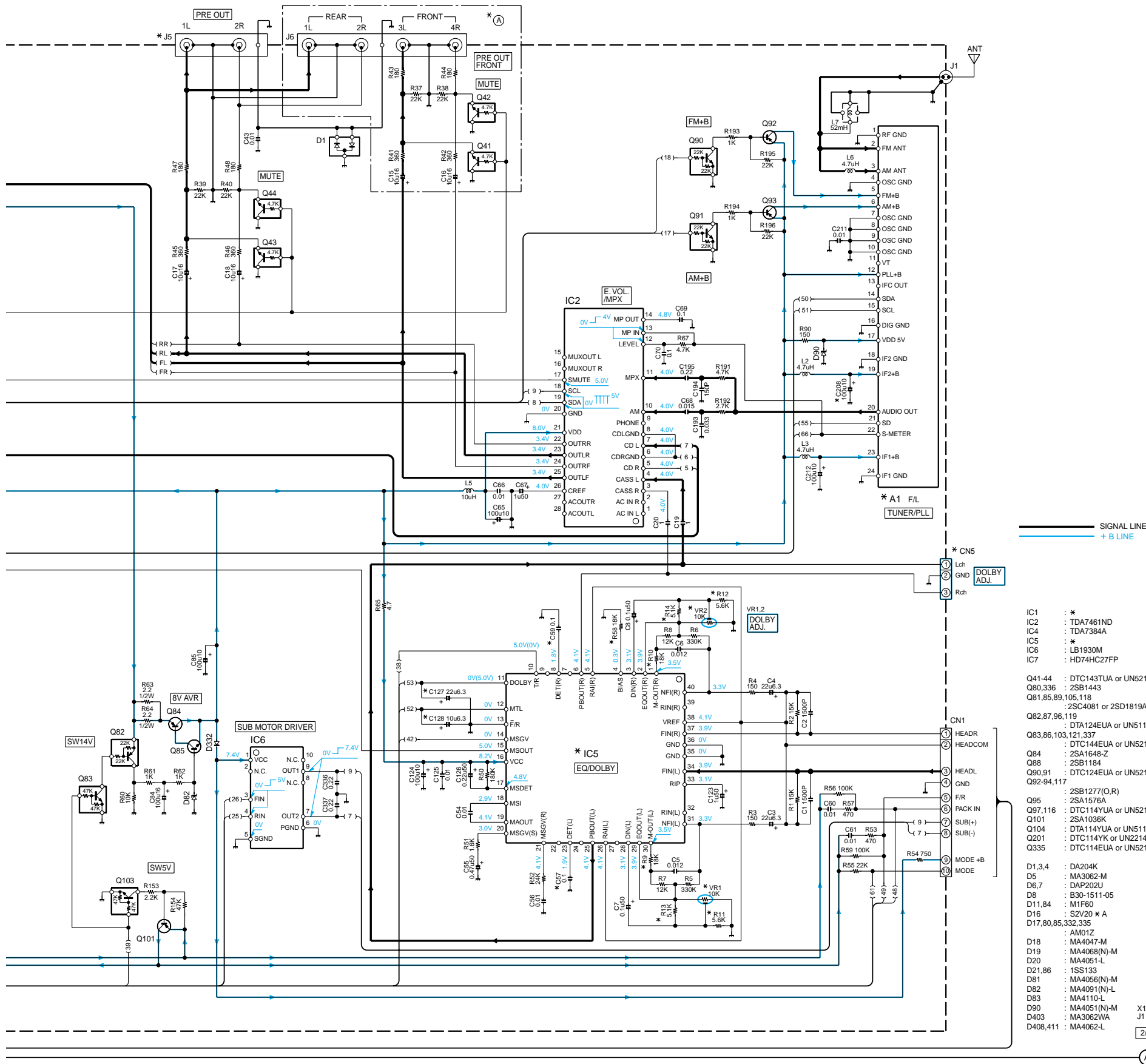
X14-6160-XX



IC	Q	address
1		6Q
2		4O
4		1P
5		5O
6		6N
7		4Q
41		3N
42		3O
43		3N
44		3O
80		5S
81		5S
82		5Q
83		5P
84		5Q
85		5R
86		6R
87		6R
88		6S
89		6S
90		3N
91		4N
92		3N
93		4N
94		4S
95		4R
96		4R
97		4R
101		5P
103		5P
104		6P
115		7R
116		5S
117		4S
118		4Q
119		4O
121		4P
201		3P
335		6S
336		6S
337		6R

Refer to the schematic diagram for the values of resistors and capacitors.





— SIGNAL LINE
— + B LINE

IC1 : *
IC2 : TDA7461ND
IC4 : TDA7384A
IC5 : *
IC6 : LB1930M
IC7 : HD74HC27FP

Q41-44 : DTC143TUA or UN5216
Q80,336 : 2SB1443
Q81,85,89,105,118 : 2SC4081 or 2SD1819A
Q82,87,96,119 : DTA124EUA or UN5112
Q83,86,103,121,337 : DTC144EUA or UN5213
Q84 : 2SA1648-Z
Q88 : 2SB1184
Q90,91 : DTC124EUA or UN5212
Q92-94,117 : 2SB1277(O,R)
Q95 : 2SA1576A
Q97,116 : DTC114YUA or UN5214
Q101 : 2SA1036K
Q104 : DTA114YUA or UN5114
Q201 : DTC114YK or UN2214
Q335 : DTC114EUA or UN5211

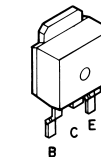
D1,3,4 : DA204K
D5 : MA3062-M
D6,7 : DAP202U
D8 : B30-1511-05
D11,84 : M1F60
D16 : S2V20 * A
D17,80,85,332,335 : AM01Z
D18 : MA4047-M
D19 : MA4068(N)-M
D20 : MA4051-L
D21,86 : 1SS133
D81 : MA4056(N)-M
D82 : MA4091(N)-L
D83 : MA4110-L
D90 : MA4051(N)-M
D403 : MA3062WA
D408,411 : MA4062-L

X13-J1

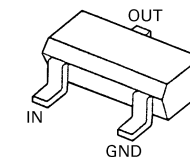
2/2

A

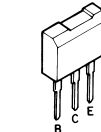
2SB1184



DTA124EUA
DTC114YUA
DTC124EUA
DTC144EUA

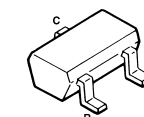


2SB1277
2SB1443

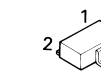


DTC114YK
DTC114YUA
DTC143TUA
UN5114
UN5211
UN5213
UN5214
UN5216
2SA1036K
2SA1576A
2SD1819A

2SC4081



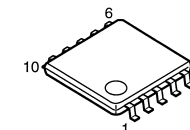
MA142WA
UN5212



DAP202U
DA204K
DTA114YUA



LB1930M

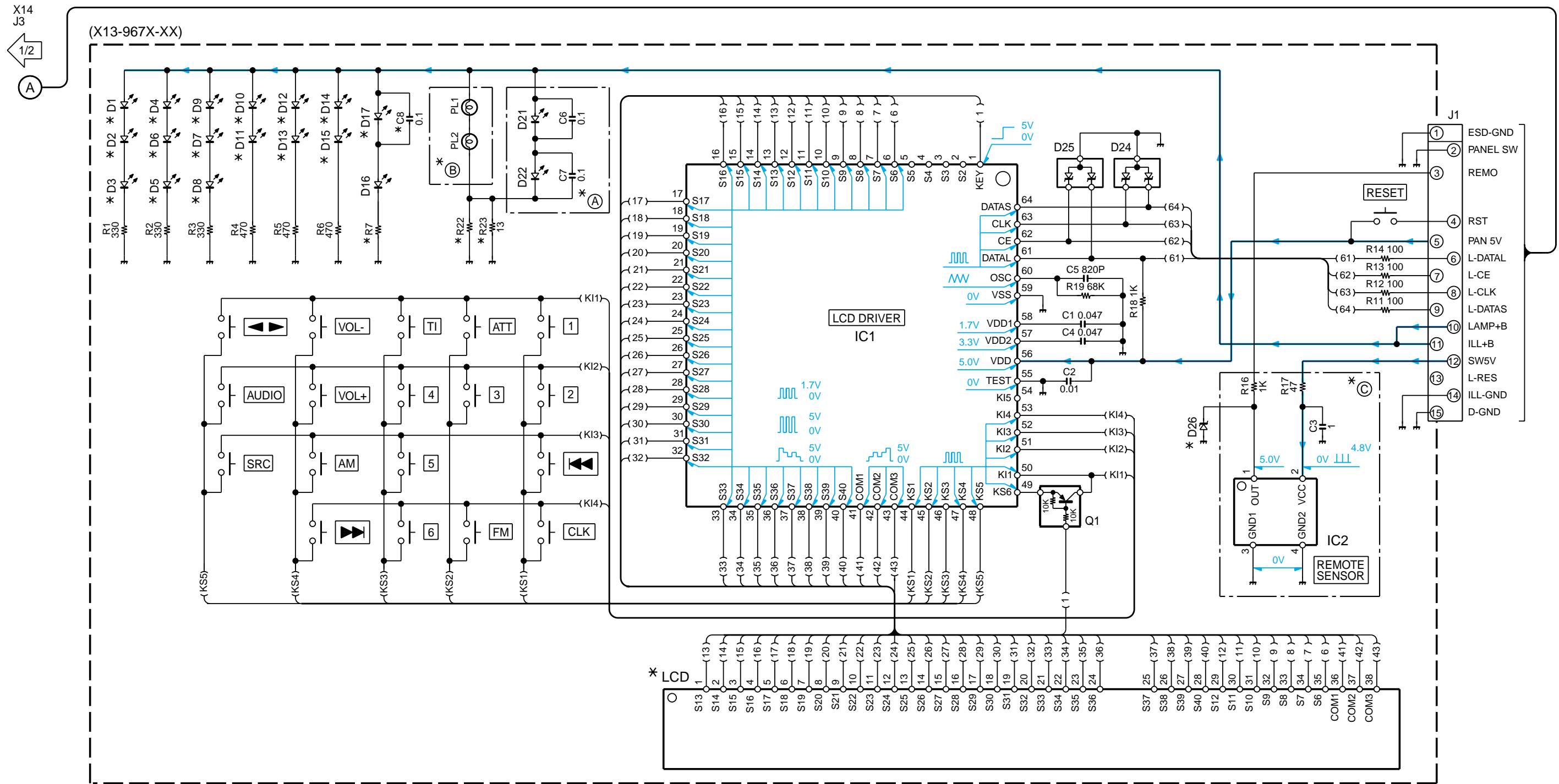


CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

• DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

KRC408-488

KENWOOD



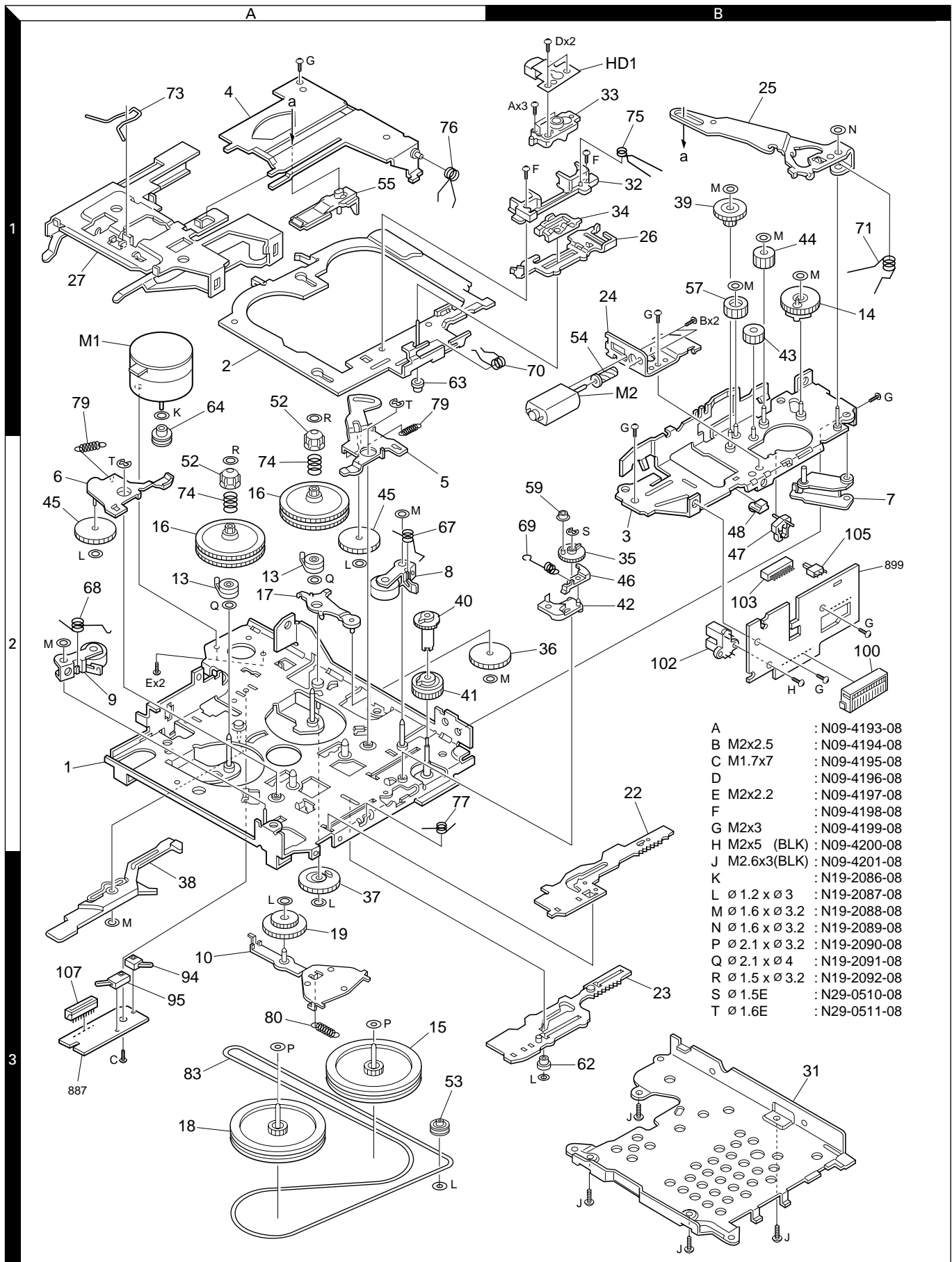
(X13-967X-XX)

MODEL NAME	UNIT No.	(A)	(B)	(C)	D1-16	D17	D26	C8	R7	R22	R23	LCD
KRC-408	0-10	YES	NO	YES	B30-1533-05	B30-1564-05	YES	YES	360	270	NO	B38-1026-05
KRC-488												
KRC-308S	0-11	NO	B30-1485-05	YES	B30-1533-05	B30-1533-05	YES	NO	470	13	YES	B38-1026-05
KRC-388												
KRC-308S	0-13	NO	B30-1485-05	YES	B30-1533-05	B30-1533-05	YES	NO	470	13	YES	B38-1026-05
KRC-38MR	0-12	NO	B30-1513-05	YES	B30-1533-05	B30-1533-05	YES	NO	470	13	YES	B38-1032-05
KRC-28YG	2-71	NO	B30-1485-05	NO	B30-1533-05	B30-1564-05	NO	YES	360	13	YES	B38-1026-05
KRC-28YA	2-72	NO	B30-1485-05	NO	B30-1567-05	B30-1564-05	NO	YES	360	13	YES	B38-1026-05

IC1 : LC75853NE
IC2 : RS-171
Q1 : DTA114EK or UN2111
D1-16 : *
D17 : *
D21,22 : B30-1572-05
D24,25 : MA3062WA
D26 : MA3062-M

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.
• DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

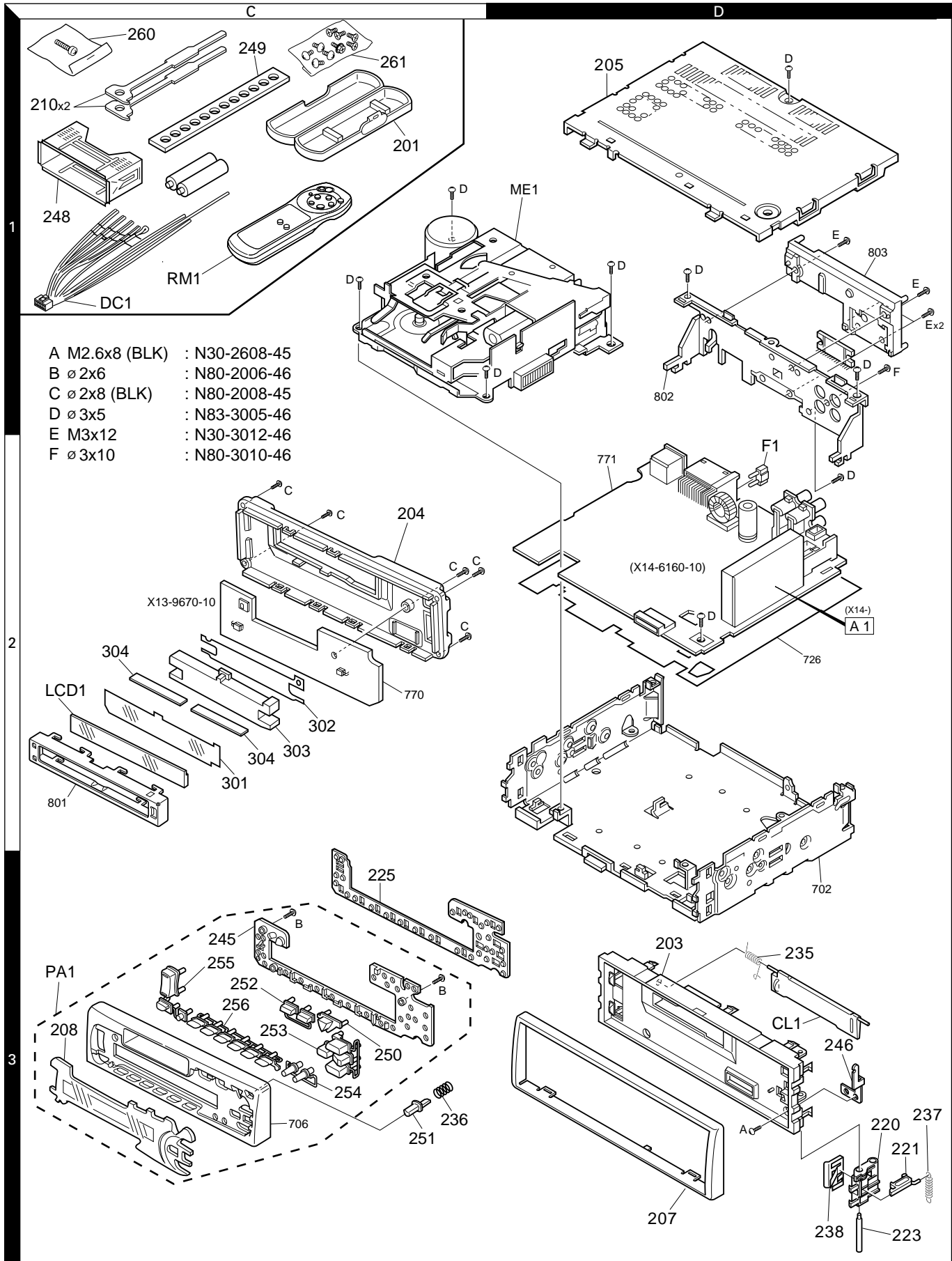
EXPLODED VIEW (MECHANISM)



Parts with the exploded numbers larger than 700 are not supplied.

KRC-408/488

EXPLODED VIEW (UNIT)



PARTS LIST

*New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

KRC-408/488

SWITCH UNIT (X13-9070-10)

SYNTHESIZER UNIT (X14-6160-XX)

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
KRC-408/488					
201	1C		A02-1486-13	PLASTIC CABINET ASSY	
203	3D		A22-2391-01	SUB PANEL	
204	2C		A46-1656-01	REAR COVER	
205	1D		A52-0719-02	TOP PLATE	
CL1	3D		A53-1638-13	CASSETTE LID	
PA1	3C	*	A64-1903-02	PANEL ASSY	K
PA1	3C	*	A64-1906-02	PANEL ASSY	M1
RM1	1C		A70-0883-05	REMOTE CONTROLLER ASSY	M1
207	3D	*	B07-2181-02	ESCUTCHEON	
208	3C	*	B10-3134-01	FRONT GLASS	K
208	3C	*	B10-3137-01	FRONT GLASS	M1
-			B46-0100-50	WARRANTY CARD	
-			B46-0606-04	ID CARD	
-		*	B64-1525-00	INSTRUCTION MANUAL E,F	K
-		*	B64-1526-00	INSTRUCTION MANUAL S,P	K
-		*	B64-1527-00	INSTRUCTION MANUAL E,T	M1
210	1C		D10-3031-04	LEVER	
220	3D		D10-4051-33	LEVER	
221	3D		D10-4052-03	LEVER	
223	3D		D21-2250-04	SHAFT	
ME1	1D		D40-1081-25	CASSETTE MECHANISM ASSY	
225	3C		E29-1577-02	CONDUCTIVE RUBBER	
DC1	1C		E30-4783-05	DC CORD	K
DC1	1C		E30-4784-05	DC CORD	M1
999			F52-0011-05	FUSE(MINI BLADE TYPE)	
F1	2D		F52-0006-05	FUSE(MINI BLADE TYPE)	
235	3D		G01-2525-04	TORSION COIL SPRING	
236	3C		G01-2738-04	COMPRESSION SPRING	
237	3D		G01-2792-04	EXTENSION SPRING	
238	3D		G02-1244-03	FLAT SPRING	
-			H10-4696-02	POLYSTYRENE FOAMED FIXTURE	
-			H25-0329-04	PROTECTION BAG (280X450X0.03)	
-			H25-0337-04	PROTECTION BAG (180X300X0.03)	
-		*	H54-1575-03	ITEM CARTON CASE	K
-		*	H54-1578-03	ITEM CARTON CASE	M1
245	3C		J19-4882-12	HOLDER	
246	3D		J21-7726-04	MOUNTING HARDWARE	
248	1C		J21-9491-03	MOUNTING HARDWARE ASSY	
249	1C		J54-0606-04	STAY	
250	3C		K24-1927-04	KNOB SRC	
251	3C		K24-1948-14	KNOB RELEASE	
252	3C		K25-0963-03	KNOB AUD	
253	3C		K25-0969-03	KNOB FM,AM	
254	3C		K25-0970-03	KNOB AUTO	
255	3C		K25-0971-03	KNOB VOL	
256	3C		K25-0972-03	KNOB 1-6	
260	1C		N99-1610-15	SCREW SET	
261	1C		N99-1632-05	SCREW SET	
A	3D		N30-2608-45	PAN HEAD MACHINE SCREW	
B	3C		N80-2006-46	PAN HEAD TAPTITE SCREW	
C	2C		N80-2008-45	PAN HEAD TAPTITE SCREW	

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
D	1D		N83-3005-46	PAN HEAD TAPTITE SCREW	
SWITCH UNIT (X13-9670-10)					
301	2C		B11-0967-04	OPTICAL DIFFUSER	
302	2C		B11-0968-04	REFLECTION SHEET	
303	2C		B19-1166-23	LIGHTING BOARD	
D1 -16			B30-1533-05	LED(1608,PG)	
D17			B30-1564-05	LED(1608,BLUE)	
D21 ,22			B30-1572-05	LED(WHITE)	
LCD1	2C		B38-1026-05	LIQUID CRYSTAL	
C1			CK73FB1E473K	CHIP C 0.047UF K	
C2			CK73FB1H103K	CHIP C 0.010UF K	
C3			CK73EB1C105K	CHIP C 1.0UF K	
C4			CK73FB1E473K	CHIP C 0.047UF K	
C5			CK73FB1H821K	CHIP C 820PF K	
C6 -8			CK73FB1C104K	CHIP C 0.10UF K	
304	2C		E29-1575-04	CONDUCTIVE RUBBER	
J1			E59-0828-05	RECTANGULAR PLUG	
R1 -3			RK73EB2B331J	CHIP R 330 J 1/8W	
R4 -6			RK73EB2B471J	CHIP R 470 J 1/8W	
R7			RK73EB2B361J	CHIP R 360 J 1/8W	
R11 -14			RK73FB2A101J	CHIP R 100 J 1/10W	
R16			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R17			RK73FB2A470J	CHIP R 47 J 1/10W	
R18			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R19			RK73FB2A683J	CHIP R 68K J 1/10W	
R22			RK73EB2B271J	CHIP R 270 J 1/8W	
D24 ,25			MA3062WA	ZENER DIODE	
D26			MA3062-M	ZENER DIODE	
IC1			LC75853NE	MOS-IC	
IC2			RS-171	ANALOGUE IC	
Q1			DTA114EK	DIGITAL TRANSISTOR	
Q1			UN2111	DIGITAL TRANSISTOR	
SYNTHESIZER UNIT (X14-6160-XX)					
C1 ,2			CK73GB1H152K	CHIP C 1500PF K	
C3 ,4			CE04CW0J220M	ELECTRO 22UF 6.3WV	
C5 ,6			CK73GB1E123K	CHIP C 0.012UF K	
C7 ,8			C90-2602-05	ELECTRO 0.10UF 50WV	
C11 ,12			C90-2608-05	ELECTRO 1.0UF 50WV	
C13			CE04CW1A101M	ELECTRO 100UF 10WV	
C15 -18			C90-2597-05	ELECTRO 10UF 16WV	
C19 ,20			CK73EB1C105K	CHIP C 1.0UF K	
C43			CK73FB1H103K	CHIP C 0.010UF K	
C45 -48			C90-5296-05	ELECTRO 0.22UF 50WV	
C54			CK73GB1H103K	CHIP C 0.010UF K	
C55			C90-2606-05	ELECTRO 0.47UF 50WV	
C56			CK73GB1H103K	CHIP C 0.010UF K	
C57			CK73FB1C104K	CHIP C 0.10UF K	
C59			CK73FB1C104K	CHIP C 0.10UF K	
C60 ,61			CK73FB1H103K	CHIP C 0.010UF K	
C65			CE04CW1A101M	ELECTRO 100UF 10WV	
C66			CK73FB1H103K	CHIP C 0.010UF K	
C67			C90-2608-05	ELECTRO 1.0UF 50WV	

K:KRC-408 M1:KRC-488

PARTS LIST

*New Parts

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Teile ohne Parts No. werden nicht geliefert.

SYNTHESIZER UNIT (X14-6160-XX)

Ref. No.	Add New	Parts No.	Description	Destination
C68		CK73GB1E153K	CHIP C 0.015UF K	
C69 ,70		CK73FB1C104K	CHIP C 0.10UF K	
C80		CE04DW1C101M	ELECTRO 100UF 16WV	
C81		CK73GB1H103K	CHIP C 0.010UF K	
C82		C90-2594-05	ELECTRO 10UF 10WV	
C83		CE04CW0J101M	ELECTRO 100UF 6.3WV	
C84		CE04CW1C101M	ELECTRO 100UF 16WV	
C85		CE04CW1A101M	ELECTRO 100UF 10WV	
C86		C90-2598-05	ELECTRO 3.3UF 25WV	
C87		CK73FB1E683K	CHIP C 0.068UF K	
C88		C90-2602-05	ELECTRO 0.10UF 50WV	
C101,102		CC73GCH1H220J	CHIP C 22PF J	
C104		CK73FB1H103K	CHIP C 0.010UF K	
C105		CK73GB1H103K	CHIP C 0.010UF K	
C110		CE04CW0J221M	ELECTRO 220UF 6.3WV	
C111		CK73GB1H103K	CHIP C 0.010UF K	
C122		CK73FB1C104K	CHIP C 0.10UF K	
C123		C90-2608-05	ELECTRO 1.0UF 50WV	
C124		CE04CW1A101M	ELECTRO 100UF 10WV	
C125		CK73GB1H103K	CHIP C 0.010UF K	
C126		C90-2604-05	ELECTRO 0.22UF 50WV	
C127,128		C90-2592-05	ELECTRO 10UF 6.3WV	
C131		CK73GB1H103K	CHIP C 0.010UF K	
C133		CK73FB1H103K	CHIP C 0.010UF K	
C170		C90-5235-05	ELECTRO 2200UF 16WV	
C193		CK73FB1E333K	CHIP C 0.033UF K	
C194		CC73FCH1H151J	CHIP C 150PF J	
C195		CK73FB1C224K	CHIP C 0.22UF K	
C202		C90-2608-05	ELECTRO 1.0UF 50WV	
C203		CE04CW1A101M	ELECTRO 100UF 10WV	
C204		C90-2608-05	ELECTRO 1.0UF 50WV	
C205		C90-2935-05	ELECTRO 1.0UF 50WV	
C208		CE04CW1A101M	ELECTRO 100UF 10WV	
C211		CK73GB1H103K	CHIP C 0.010UF K	
C212		CE04CW1A101M	ELECTRO 100UF 10WV	
C336,337		CK73FB1C224K	CHIP C 0.22UF K	
CN1		E40-9541-05	PIN ASSY	
CN5		E40-9184-05	PIN ASSY	
J1		E04-0312-05	RF COAXIAL CABLE RECEPTACLE	
J2		E58-0863-15	RECTANGULAR RECEPTACLE	
J3		E58-0879-05	RECTANGULAR RECEPTACLE	
J4		E56-0834-05	CYLINDRICAL RECEPTACLE	
J6		E63-0014-05	PIN JACK	
W12 -15		E31-0001-00	JUMPER WIRE	
W17 ,18		E31-0001-00	JUMPER WIRE	
W20 -33		E31-0001-00	JUMPER WIRE	K
W20 -38		E31-0001-00	JUMPER WIRE	M1
W35 -38		E31-0001-00	JUMPER WIRE	K
L1		L33-1063-15	CHOKE COIL	
L2 ,3		L40-4795-91	SMALL FIXED INDUCTOR(4.7UH,J)	
L5		L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)	
L6		L40-4791-17	SMALL FIXED INDUCTOR(4.7UH,K)	
L7		L33-1123-05	LINE FILTER COIL	

Ref. No.	Add New	Parts No.	Description	Destination
X1		L77-1163-05	CRYSTAL RESONATOR(4.5M)	
X1		L77-1165-05	CRYSTAL RESONATOR(4.5MHZ)	
X1		L77-2025-05	CRYSTAL RESONATOR	
E	1D	N30-3012-46	PAN HEAD MACHINE SCREW	
F	1D	N80-3010-46	PAN HEAD TAPTITE SCREW	
CP1		R90-0719-05	MULTI-COMP 4.7K X2	
CP2		R90-1020-05	MULTI-COMP 22K X2	
CP3		R90-0725-05	MULTI-COMP 1K X2	
CP4		R90-0719-05	MULTI-COMP 4.7K X2	
R1 ,2		RK73GB1J153J	CHIP R 15K J 1/16W	
R3 ,4		RK73GB1J151J	CHIP R 150 J 1/16W	
R5 ,6		RK73GB1J334J	CHIP R 330K J 1/16W	
R7 ,8		RK73GB1J123J	CHIP R 12K J 1/16W	
R9 ,10		RK73GB1J183J	CHIP R 18K J 1/16W	
R21 ,22		RK73EB2B100J	CHIP R 10 J 1/8W	
R23		RK73EB2B4R7J	CHIP R 4.7 J 1/8W	
R24		RK73EB2B472J	CHIP R 4.7K J 1/8W	M1
R25		R92-0366-05	CHIP R 560 J 1W	M1
R27		RK73EB2B472J	CHIP R 4.7K J 1/8W	
R28		R92-0365-05	CHIP R 1.0K J 1/2W	
R30		R92-0365-05	CHIP R 1.0K J 1/2W	
R33 -36		RK73GB1J472J	CHIP R 4.7K J 1/16W	
R37 -40		RK73GB1J223J	CHIP R 22K J 1/16W	
R41 ,42		RK73GB1J361J	CHIP R 360 J 1/16W	
R43 ,44		RK73EB2B181J	CHIP R 180 J 1/8W	
R45 ,46		RK73GB1J361J	CHIP R 360 J 1/16W	
R47 ,48		RK73EB2B181J	CHIP R 180 J 1/8W	
R50		RK73GB1J184J	CHIP R 180K J 1/16W	
R51		RK73GB1J162J	CHIP R 1.6K J 1/16W	
R52		RK73GB1J243J	CHIP R 24K J 1/16W	
R53		RK73FB2A471J	CHIP R 470 J 1/10W	
R54		RK73FB2A751J	CHIP R 750 J 1/10W	
R55		RK73GB1J223J	CHIP R 22K J 1/16W	
R56		RK73GB1J104J	CHIP R 100K J 1/16W	
R57		RK73FB2A471J	CHIP R 470 J 1/10W	
R58		RK73GB1J183J	CHIP R 18K J 1/16W	
R59		RK73FB2A104J	CHIP R 100K J 1/10W	
R60		RK73FB2A103J	CHIP R 10K J 1/10W	
R61 ,62		RK73GB1J102J	CHIP R 1.0K J 1/16W	
R63 ,64		RD14DB2H2R2J	SMALL-RD 2.2 J 1/2W	
R67		RK73GB1J472J	CHIP R 4.7K J 1/16W	
R70		RK73GB1J223J	CHIP R 22K J 1/16W	
R71		RK73GB1J101J	CHIP R 100 J 1/16W	
R90		RK73EB2B151J	CHIP R 150 J 1/8W	
R101,102		RK73FB2A222J	CHIP R 2.2K J 1/10W	
R103		RK73FB2A223J	CHIP R 22K J 1/10W	
R104,105		RK73GB1J101J	CHIP R 100 J 1/16W	
R106		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R107		RK73GB1J472J	CHIP R 4.7K J 1/16W	
R121		RK73GB1J103J	CHIP R 10K J 1/16W	M1
R123		RK73GB1J222J	CHIP R 2.2K J 1/16W	
R124		RK73FB2A225J	CHIP R 2.2M J 1/10W	
R125,126		RK73FB2A473J	CHIP R 47K J 1/10W	
R127		RK73GB1J472J	CHIP R 4.7K J 1/16W	

K:KRC-408 M1:KRC-488

PARTS LIST

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SYNTHESIZER UNIT (X14-6160-XX)

Ref. No.	Add	New	Parts No.	Description	Destination
R129			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R135			RK73GB1J223J	CHIP R 22K J 1/16W	
R142			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R143			RK73GB1J223J	CHIP R 22K J 1/16W	
R145			RK73GB1J104J	CHIP R 100K J 1/16W	
R146			RK73FB2A473J	CHIP R 47K J 1/10W	
R153			RK73GB1J222J	CHIP R 2.2K J 1/16W	
R154			RK73GB1J473J	CHIP R 47K J 1/16W	
R156			RK73EB2B101J	CHIP R 100 J 1/8W	
R157			RK73EB2B102J	CHIP R 1.0K J 1/8W	
R175			RD14DB2H332J	SMALL-RD 3.3K J 1/2W	
R176			RK73EB2B104J	CHIP R 100K J 1/8W	
R177			RK73GB1J393J	CHIP R 39K J 1/16W	
R178			RK73GB1J103J	CHIP R 10K J 1/16W	
R179			RK73GB1J203J	CHIP R 20K J 1/16W	
R180			RK73GB1J104J	CHIP R 100K J 1/16W	
R182			RK73GB1J103J	CHIP R 10K J 1/16W	
R184			RK73EB2B104J	CHIP R 100K J 1/8W	
R186			RK73FB2A473J	CHIP R 47K J 1/10W	
R187			RK73GB1J223J	CHIP R 22K J 1/16W	
R191			RK73FB2A472J	CHIP R 4.7K J 1/10W	
R192			RK73GB1J272J	CHIP R 2.7K J 1/16W	
R193,194			RK73EB2B102J	CHIP R 1.0K J 1/8W	
R195,196			RK73GB1J223J	CHIP R 22K J 1/16W	
R207			RK73FB2A101J	CHIP R 100 J 1/10W	
R250			RK73FB2A102J	CHIP R 1.0K J 1/10W	
R251			RK73GB1J472J	CHIP R 4.7K J 1/16W	
R253			RK73GB1J154J	CHIP R 150K J 1/16W	
R255			RK73GB1J223J	CHIP R 22K J 1/16W	
R256			RK73GB1J751J	CHIP R 750 J 1/16W	
R257			RK73GB1J223J	CHIP R 22K J 1/16W	
R258			RK73GB1J431J	CHIP R 430 J 1/16W	
R336			RK73GB1J103J	CHIP R 10K J 1/16W	
R337			RD14DB2H102J	SMALL-RD 1.0K J 1/2W	
R338			RK73FB2A104J	CHIP R 100K J 1/10W	
R339			RK73FB2A471J	CHIP R 470 J 1/10W	
R340			RK73FB2A104J	CHIP R 100K J 1/10W	
R341			RK73FB2A471J	CHIP R 470 J 1/10W	
R404,405			RK73EB2B470J	CHIP R 47 J 1/8W	
R406-408			RK73EB2B222J	CHIP R 2.2K J 1/8W	
R409,410			RK73EB2B472J	CHIP R 4.7K J 1/8W	
R411			RK73EB2B470J	CHIP R 47 J 1/8W	
R412-415			RK73GB1J104J	CHIP R 100K J 1/16W	
R416-418			RK73GB1J470J	CHIP R 47 J 1/16W	
R419			RK73GB1J473J	CHIP R 47K J 1/16W	
VR1 ,2			R32-0037-05	SEMI FIXED VARIABLE RESISTOR	
W1 ,2			R92-2053-05	CHIP R 0 J 1/8W	
D1			DA204K	DIODE	
D3 ,4			DA204K	DIODE	
D5			MA3062-M	ZENER DIODE	
D6 ,7			DAP202U	DIODE	
D6 ,7			MA142WA	DIODE	
D11			M1F60	DIODE	M1
D16			S2V20*A	DIODE	

Ref. No.	Add	New	Parts No.	Description	Destination
D17			AM01Z	DIODE	M1
D17			ERA15-01	DIODE	M1
D19			MA4068(N)-M	ZENER DIODE	
D20			MA4051-L	ZENER DIODE	
D21			1SS133	DIODE	
D80			AM01Z	DIODE	
D80			ERA15-01	DIODE	
D81			MA4056(N)-M	ZENER DIODE	
D82			MA4091(N)-L	ZENER DIODE	
D83			MA4110-L	ZENER DIODE	
D84			M1F60	DIODE	K
D85			AM01Z	DIODE	
D85			ERA15-01	DIODE	
D86			1SS133	DIODE	
D90			MA4051(N)-M	ZENER DIODE	
D332,333			AM01Z	DIODE	
D332,333			ERA15-01	DIODE	
D403			MA3062WA	ZENER DIODE	
D408			MA4062-L	ZENER DIODE	
D411			MA4062-L	ZENER DIODE	
IC1			LC72366-9584	MI-COM IC	
IC2			TDA7461ND	ANALOGUE IC	
IC4			TDA7384A	ANALOGUE IC	
IC5			HA12216F	ANALOGUE IC	
IC6			LB1930M	ANALOGUE IC	
IC7			HD74HC27FP	MOS-IC	
Q41 -44			DTC143TUA	DIGITAL TRANSISTOR	
Q41 -44			UN5216	DIGITAL TRANSISTOR	
Q80			2SB1443	TRANSISTOR	
Q81			2SC4081	TRANSISTOR	
Q81			2SD1819A	TRANSISTOR	
Q82			DTA124EUA	DIGITAL TRANSISTOR	
Q82			UN5112	DIGITAL TRANSISTOR	
Q83			DTC144EUA	DIGITAL TRANSISTOR	
Q83			UN5213	DIGITAL TRANSISTOR	
Q84			2SA1648-Z	TRANSISTOR	
Q85			2SC4081	TRANSISTOR	
Q85			2SD1819A	TRANSISTOR	
Q86			DTC144EUA	DIGITAL TRANSISTOR	
Q86			UN5213	DIGITAL TRANSISTOR	
Q87			DTA124EUA	DIGITAL TRANSISTOR	
Q87			UN5112	DIGITAL TRANSISTOR	
Q88			2SB1184	TRANSISTOR	
Q89			2SC4081	TRANSISTOR	
Q89			2SD1819A	TRANSISTOR	
Q90 ,91			DTC124EUA	DIGITAL TRANSISTOR	
Q90 ,91			UN5212	DIGITAL TRANSISTOR	
Q92 -94			2SB1277(Q,R)	TRANSISTOR	
Q95			2SA1576A	TRANSISTOR	
Q96			DTA124EUA	DIGITAL TRANSISTOR	
Q96			UN5112	DIGITAL TRANSISTOR	
Q97			DTC114YUA	DIGITAL TRANSISTOR	
Q97			UN5214	DIGITAL TRANSISTOR	
Q101			2SA1036K	TRANSISTOR	
Q103			DTC144EUA	DIGITAL TRANSISTOR	

PARTS LIST

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CASSETTE MECHANISM ASSY (D40-1081-25)

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
Q103			UN5213	DIGITAL TRANSISTOR	
Q104			DTA114YUA	DIGITAL TRANSISTOR	
Q104			UN5114	DIGITAL TRANSISTOR	
Q116			DTC114YUA	DIGITAL TRANSISTOR	M1
Q116			UN5214	DIGITAL TRANSISTOR	M1
Q117			2SB1277(Q,R)	TRANSISTOR	M1
Q118			2SC4081	TRANSISTOR	
Q118			2SD1819A	TRANSISTOR	
Q119			DTA124EUA	DIGITAL TRANSISTOR	
Q119			UN5112	DIGITAL TRANSISTOR	
Q121			DTC144EUA	DIGITAL TRANSISTOR	
Q121			UN5213	DIGITAL TRANSISTOR	
Q201			DTC114YK	DIGITAL TRANSISTOR	
Q201			UN2214	DIGITAL TRANSISTOR	
Q335			DTC114EUA	DIGITAL TRANSISTOR	
Q335			UN5211	DIGITAL TRANSISTOR	
Q336			2SB1443	TRANSISTOR	
Q337			DTC144EUA	DIGITAL TRANSISTOR	
Q337			UN5213	DIGITAL TRANSISTOR	
TH1		*	PTH9C42BD471Q	POSITIVE RESISTOR	
A1	2D		X86-3160-11	FRONT-END UNIT	
CASSETTE MECHANISM ASSY (D40-1081-25)					
1	2A		A10-4329-08	CHASSIS ASSY	
2	1A		J21-7779-08	MOUNTING HARDWARE	
3	2B		A11-0931-08	SUB CHASSIS ASSY	
4	1A		D10-4106-08	ARM	
5	2A		D10-4107-08	ARM	
6	2A		D10-4108-08	ARM	
7	2B		D10-4109-08	ARM	
8	2A		D10-4110-08	ARM ASSY	
9	2A		D10-4111-08	ARM ASSY	
10	3A		D10-4112-08	ARM	
13	2A		D10-4113-08	ARM	
14	1B		D13-1324-08	GEAR ASSY	
15	3A		D01-0609-08	FLYWHEEL ASSY	
16	2A		D13-1325-08	GEAR ASSY	
17	2A		D10-4114-08	ARM ASSY	
18	3A		D01-0610-08	FLYWHEEL ASSY	
19	3A		D13-1326-08	GEAR ASSY	
22	2B		D10-4115-08	SLIDER	
23	3B		D10-4116-08	SLIDER	
24	1B		J21-7780-08	MOUNTING HARDWARE	
25	1B		D10-4117-08	ARM	
26	1B		D10-4118-08	SLIDER	
27	1A		A52-0716-08	HOLDER	
31	3B		J21-7781-08	MOUNTING HARDWARE	
32	1B		J90-0767-08	GUID	
33	1B		J19-4737-08	BRACKET	
34	1B		D12-0622-08	CAM	
35	2B		D13-1327-08	GEAR	
36	2B		D13-1328-08	GEAR	
37	3A		D13-1329-08	GEAR	
38	3A		D10-4119-08	ARM	
39	1B		D13-1330-08	GEAR	

Ref. No.	A d d	N e w	Parts No.	Description	Dest inati on
40	2A		D13-1331-08	GEAR	
41	2A		D13-1332-08	GEAR	
42	2B		J11-0619-08	CLAMPER	
43	1B		D13-1333-08	GEAR	
44	1B		D13-1334-08	GEAR	
45	2A		D13-1335-08	GEAR	
46	2B		D10-4120-08	ARM	
47	2B		J19-4738-08	HOLDER	
48	2B		J11-0620-08	CLAMPER	
52	2A		D03-0312-08	REEL DISK	
53	3A		D15-0913-08	PULLEY	
54	1B		D13-1336-08	WORM	
55	1A		D10-4121-08	SLIDER	
57	1B		D13-1337-08	GEAR	
59	2B		J31-1036-08	COLLAR	
62	3B		D14-0683-08	ROLLER	
63	1A		D14-0684-08	ROLLER	
64	1A		D15-0914-08	PULLEY	
67	2A		G01-2832-08	TORSION COIL SPRING	
68	2A		G01-2833-08	TORSION COIL SPRING	
69	2B		G01-2834-08	TENSION COIL SPRING	
70	1B		G01-2835-08	TORSION COIL SPRING	
71	1B		G01-2836-08	TORSION COIL SPRING	
73	1A		G09-2020-08	SPRING	
74	2A		G01-2837-08	COMPRESSION COIL SPRING	
75	1B		G01-2838-08	TORSION COIL SPRING	
76	1A		G01-2839-08	TORSION COIL SPRING	
77	2A		G01-2843-08	TORSION COIL SPRING	
79	1A		G01-2840-08	TENSION COIL SPRING	
80	3A		G01-2841-08	TENSION COIL SPRING	
83	3A		D16-0609-08	BELT	
94	3A		S64-0804-08	LEVER SWITCH	
95	3A		S64-0805-08	LEVER SWITCH	
100	2B		E30-4460-08	CONNECTOR ASSY (10P)	
102	2B		T95-0213-08	PHOTO COUPLER	
103	2B		S62-0858-08	SLIDE SWITCH 040600	
105	2B		S74-0813-08	LEAF SWITCH 040700	
107	3A		E30-4468-08	CONNECTOR ASSY (7P)	
A	1B		N09-4193-08	SCREW	
B	1B		N09-4194-08	SCREW	
C	3A		N09-4195-08	SCREW	
D	1B		N09-4196-08	SCREW	
E	2A		N09-4197-08	SCREW	
F	1B		N09-4198-08	SCREW	
G	1A		N09-4199-08	SCREW	
H	2B		N09-4200-08	SCREW	
J	3B		N09-4201-08	SCREW	
K	2A		N19-2086-08	FLAT WASHER	
L	3A		N19-2087-08	FLAT WASHER	
M	1B		N19-2088-08	FLAT WASHER	
N	1B		N19-2089-08	FLAT WASHER	
P	3A		N19-2090-08	FLAT WASHER	
Q	2A		N19-2091-08	FLAT WASHER	
R	1A		N19-2092-08	FLAT WASHER	

K:KRC-408 M1:KRC-488

PARTS LIST

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CASSETTE MECHANISM ASSY (D40-1081-25)

Ref. No.	Add	New	Parts No.	Description	Destination
S T	2B 2A		N29-0510-08 N29-0511-08	RETAINING RING RETAINING RING	
HD1	1B		T31-0220-08	PLAYBACK HEAD	
M1 M2	1A 1B		T42-0759-08 T42-0755-08	MOTOR ASSY (MAIN) MOTOR ASSY (SUB)	

Ref. No.	Add	New	Parts No.	Description	Destination

KRC-408/488

SPECIFICATIONS

		KRC-408(K)	KRC-488(M)
		TDF	TDF
Tuner Type		CR2	CR2
FM	Frequency Range (Frequency Step)	87.9MHz-107.9MHz (200kHz)	87.5MHz-108.0MHz (50kHz)
	Channel Space Selection	50kHz/200kHz	50kHz/200kHz
	Usable Sensitivity(S/N30dB)	9.3dBf(0.8μV/75Ω)	9.3dBf(0.8μV/75Ω)
	Quieting Sensitivity(S/N50dB)	15.2dBf(1.6μV/75Ω)	15.2dBf(1.6μV/75Ω)
	Frequency Response(± 3.0dB)	30Hz-15kHz	30Hz-15kHz
	S/N	70dB(MONO)	70dB(MONO)
	Selectivity	≥80dB(± 400kHz)	≥80dB(± 400kHz)
	Stereo Separation	40dB(1kHz)	40dB(1kHz)
AM	Frequency Range (Frequency Step)	530kHz-1700kHz (10kHz)	531kHz-1611kHz (9kHz)
	Channel Space Selection	9kHz/10kHz	9kHz/10kHz
	Usable Sensitivity(S/N20dB)	28dBμ (25μV)	28dBμ (25μV)
CASSETTE	Tape Speed	4.76cm/sec.	4.76cm/sec.
	Wow/Flutter(wrms)	0.08%(WRMS)	0.08%(WRMS)
	Frequency Response(± 3.0dB)	30Hz-18kHz(70μs)	30Hz-18kHz(70μs)
	Separation	40dB(1kHz)	40dB(1kHz)
	S/N Dolby NR OFF	57dB	57dB
	S/N Dolby B NR ON	65dB	65dB
Preout Level/Load		1800mV/10KΩ	1800mV/10KΩ
Preout Impedance		≤600Ω	≤600Ω
AMPLIFIER	Maximum Power	40Wx4	40Wx4
	Full Bandwidth Power (at less than 1% THD)	22Wx4	22Wx4
TONE	Bass	100Hz± 10dB	100Hz± 10dB
	Treble	10kHz± 10dB	10kHz± 10dB
GENERAL	Operating Voltage(11V-16V allowable)	14.4V	14.4V
	Current Consumption	10A	10A
	Installation Size (Width)	182mm	182mm
	(Height)	53mm	53mm
	(Depth)	155mm	155mm
	Weight	1.4kg	1.4kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

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